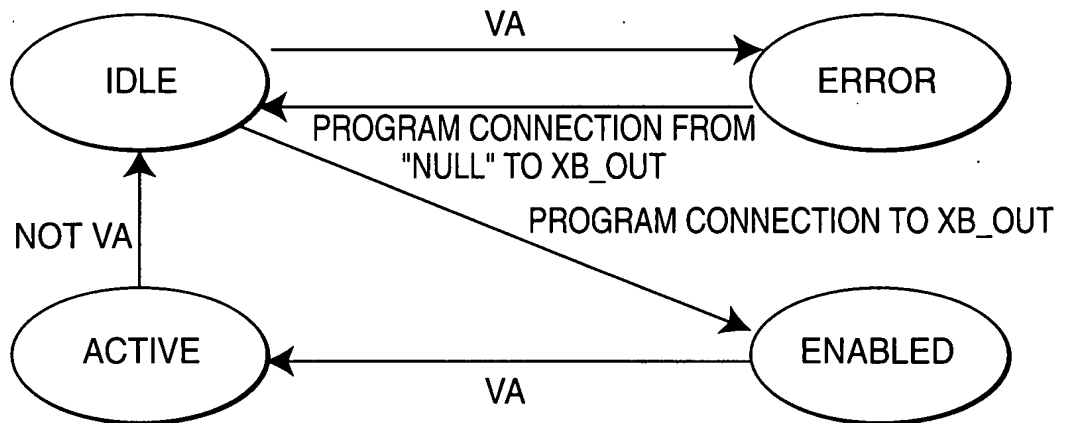
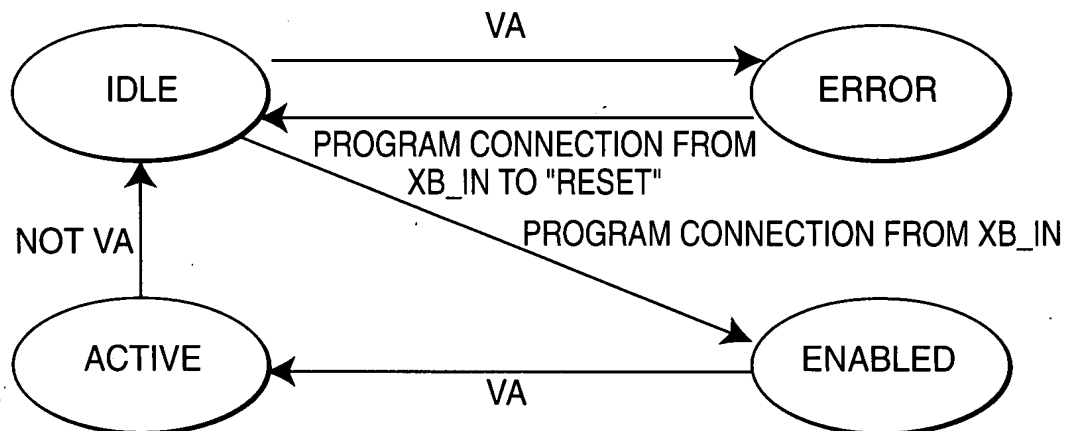


**FIG. 1**



**FIG. 2A**

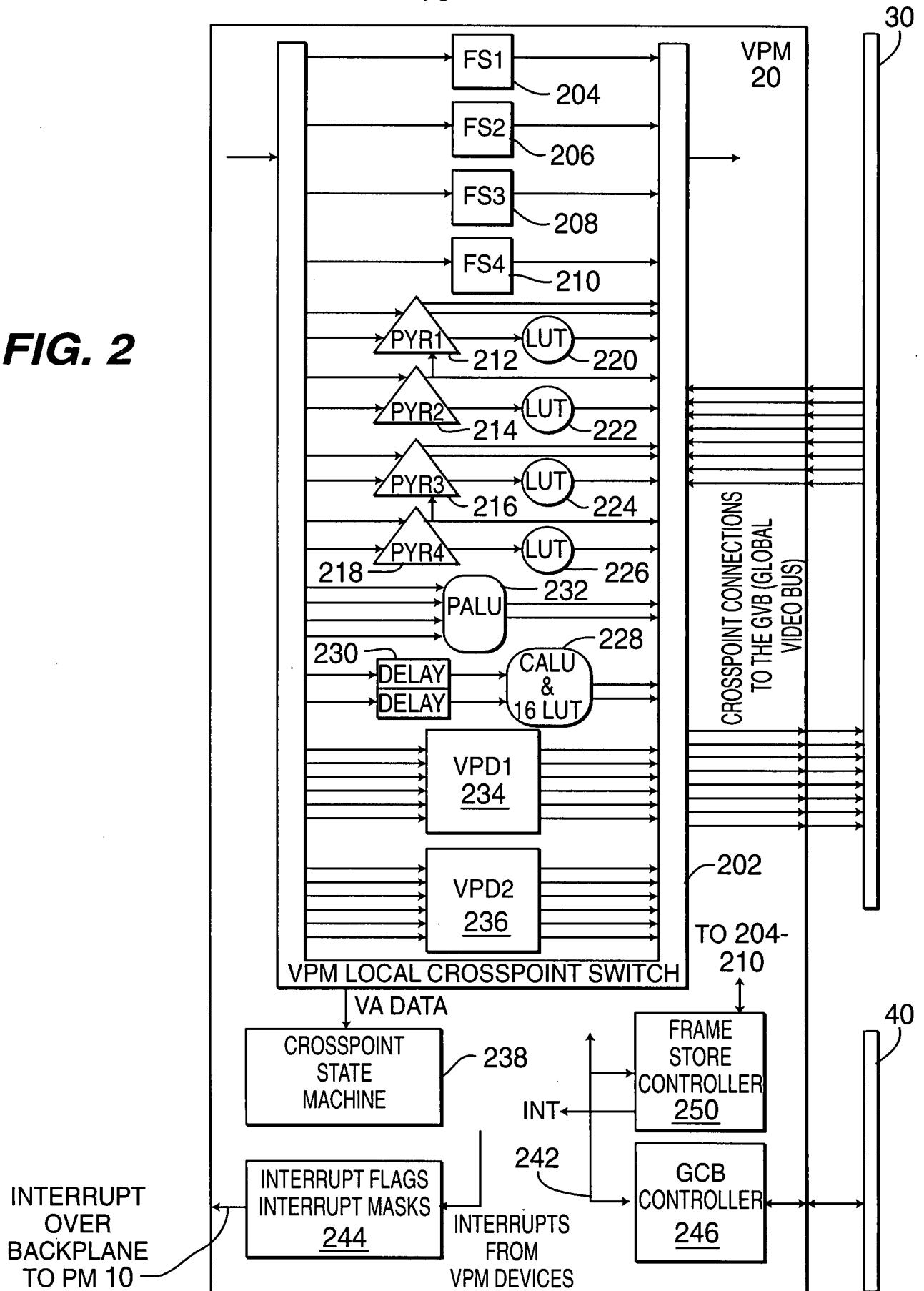
STATE DIAGRAM FOR CROSSBAR OUTPUT PORTS XB\_OUT

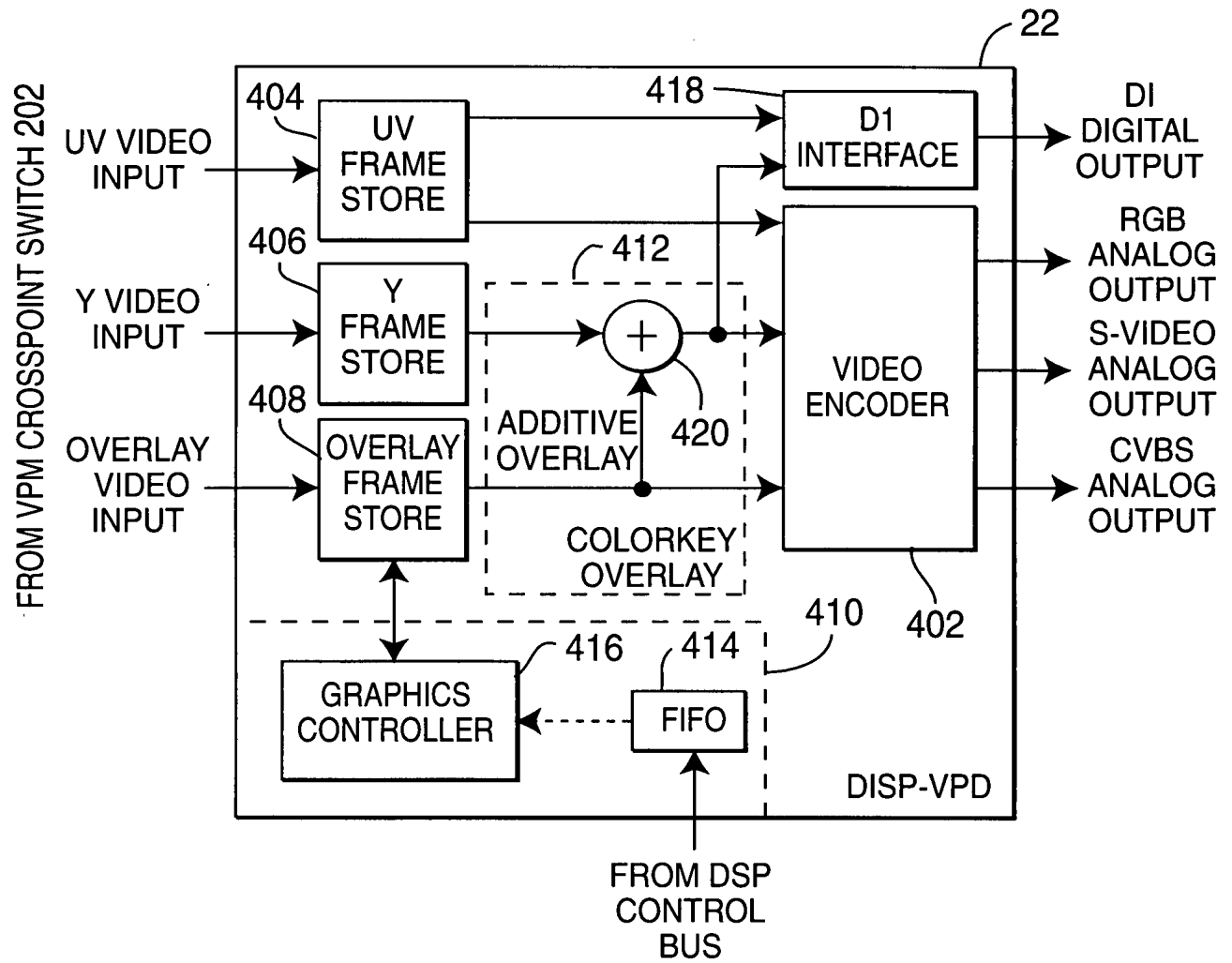


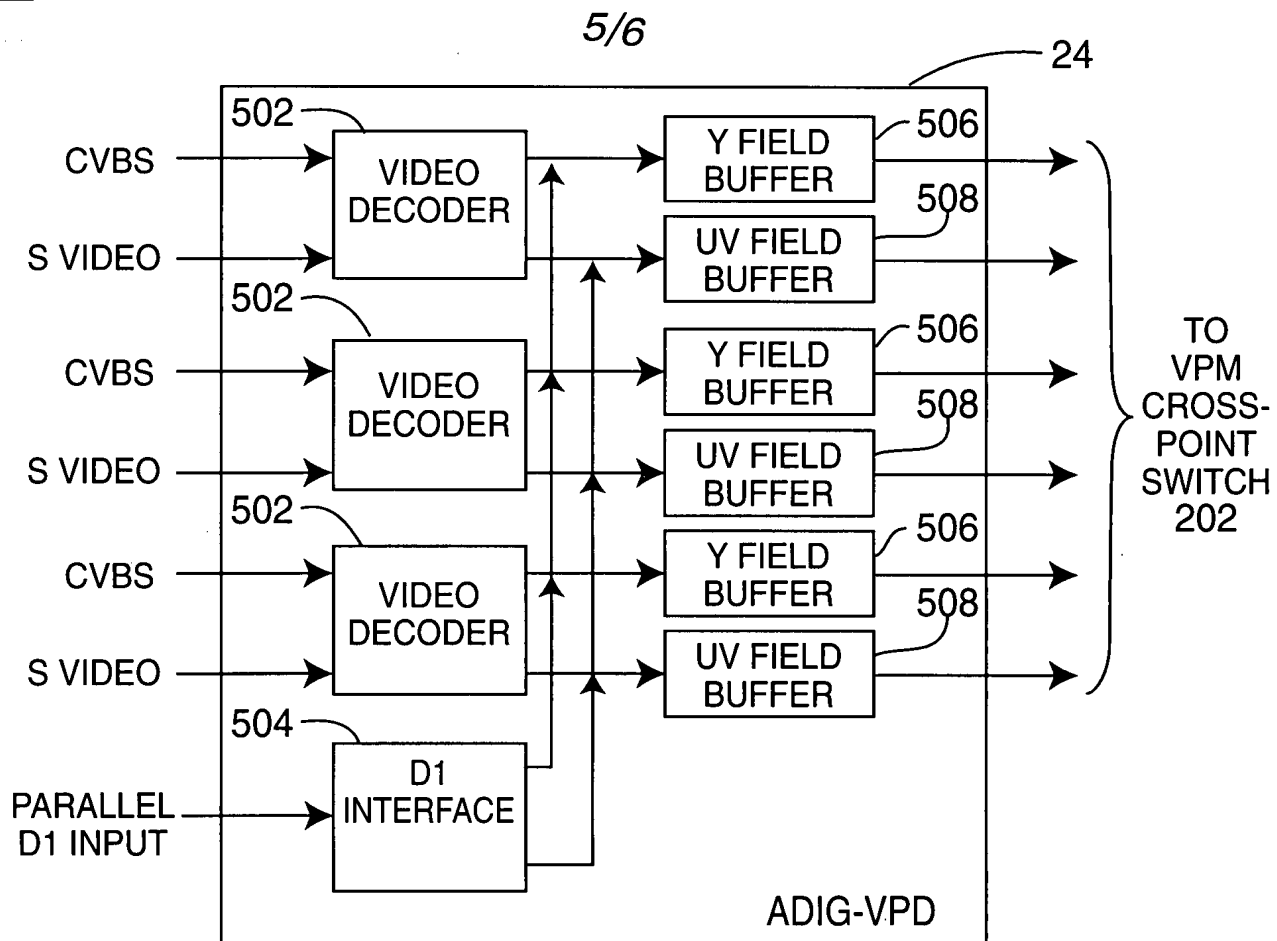
**FIG. 2B**

STATE DIAGRAM FOR CROSSBAR INPUT PORTS XB\_IN

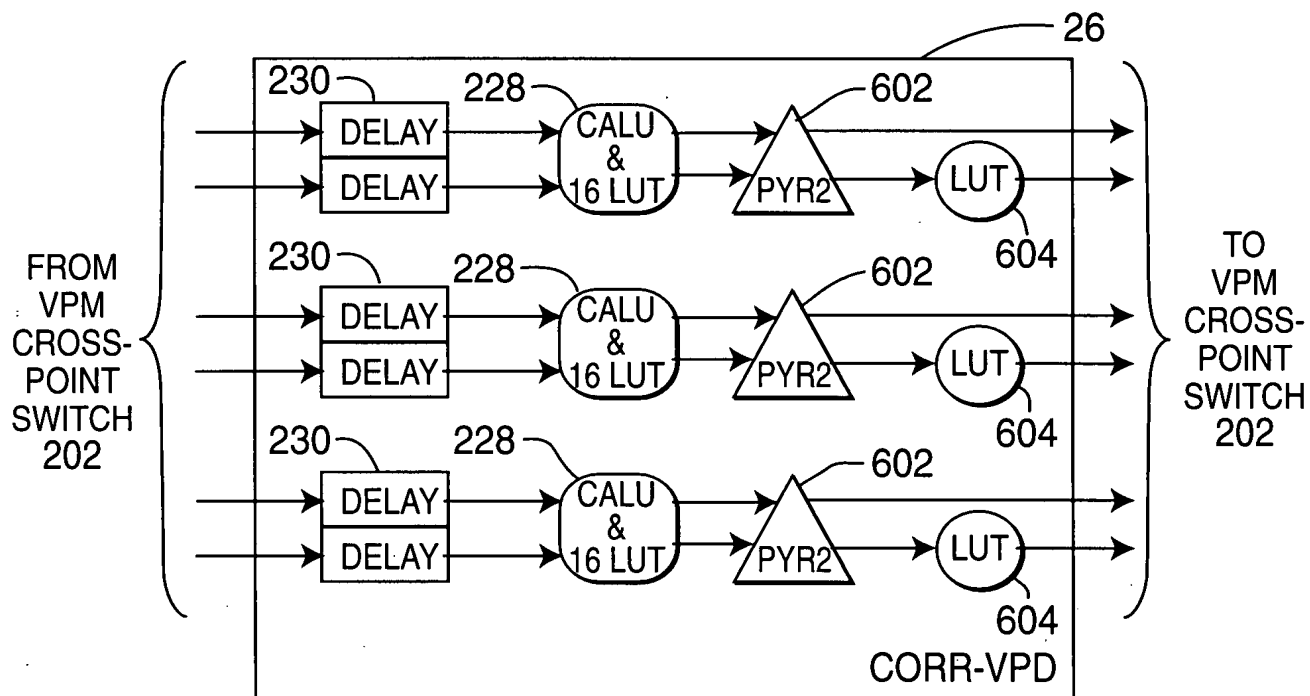
FIG. 2



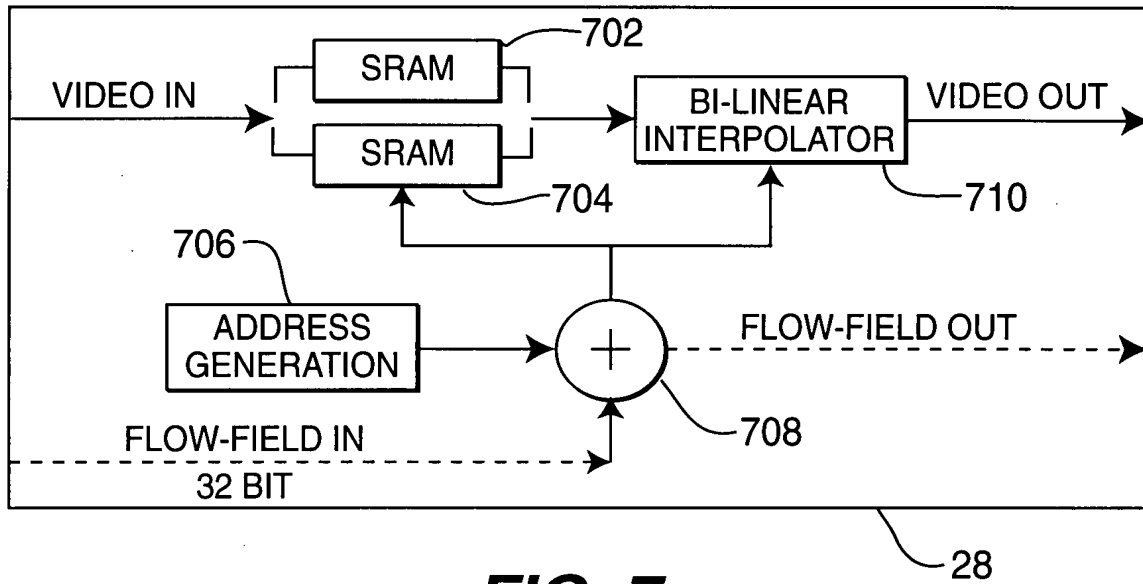
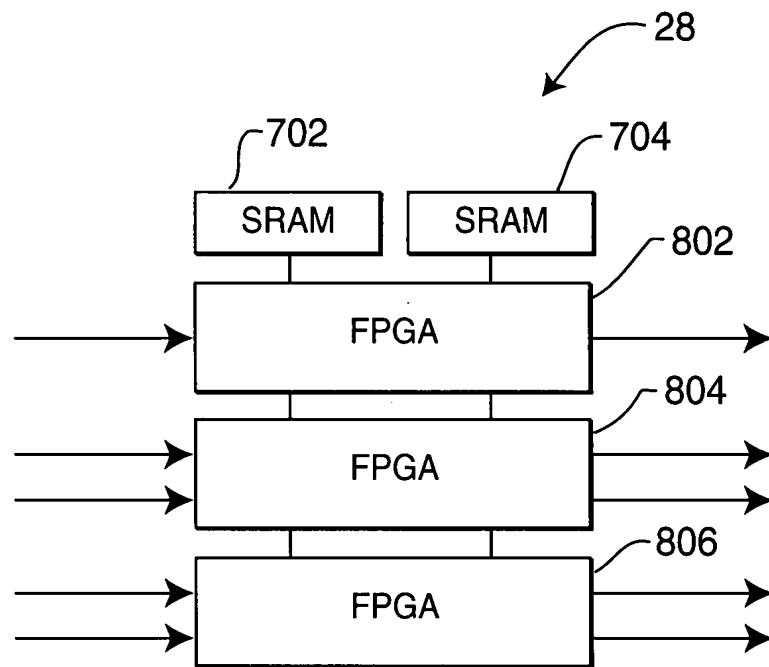
**FIG. 4**



**FIG. 5**



**FIG. 6**

**FIG. 7****FIG. 8**